Safety Data Sheet
0309-GA
1-16-2020

Section 1 - Product and Company Identification

Material Name	-	**Clear Flexible Sealant**
Chemical Category	-	Mixture
Product Code	-	0309-GA
Product Description	-	Clear Flexible Sealant
Product Use	-	Construction Adhesive/Sealant
Manufacturer	-	Gardner Gibson
	-	4161 E. 7th Avenue Tampa, FL 33605 United States
Telephone		
General/Technical	-	813-248-2101 – Customer Service: 8AM – 5 PM M-F Eastern Standard Time
Emergency	-	800-424-9300 - CHEMTREC

Section 2 - Hazards Identification

GHS HAZARDS AND PRECAUTIONS

SIGNAL WORD: WARNING!

- *Flammable liquid and vapor*
- *Causes Skin Irritation*
- *Causes Serious Eye Irritation*
- *Suspected of Causing Cancer*
- *May cause respiratory irritation; or*
- *May cause damage to respiratory system through prolonged or repeated exposure*

Prevention	Do not breathe dust/fume/gas/mist/ vapors/spray. Do not handle until all safety precautions have been read and understood. Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking. Use personal protective equipment as required. Keep out of reach of children.
Response	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a postion comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
Storage/Disposal	Store in a closed container. Store in a well-ventilated place. Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Physical Form	-	Liquid
Color	-	Clear
Odor	-	Mild Hydrocarbon.
Flash Point	-	105°F(40.55°C)
OSHA(HCS2012)	-	Flammable Liquids - Category 3, Specific Target Organ Toxicity Repeated Exposure -

Category 2, Skin Corrosion/Irritation - Category 2, Eye Damage, Eye Irritation - Category 2A, Carcinogenicity - Category 2, Specific Target Organ Toxicity – Respiratory Tract Irritation – Category 3

Route Of Entry - Inhalation, Skin, Eye, Ingestion/Oral

Potential Health Effects

Inhalation

Acute (Immediate) - May cause irritation. Excessive breathing of high vapor concentration can cause possible unconsciousness and even asphyxiation.

Chronic (Delayed) - Refer to other information found in Section 11-Toxicology.

Skin

Acute (Immediate) - May cause irritation.

Chronic (Delayed) - Repeated and prolonged exposure may cause dermatitis.

Eye

Acute (Immediate) - May cause serious irritation.

Chronic (Delayed) - Repeated and prolonged exposure may cause irritation.

Ingestion

Acute (Immediate) - Harmful or Fatal if Swallowed

Chronic (Delayed) - Repeated and prolonged exposure may be harmful.

Carcinogenic Effects - This product or one of its ingredients present at 0.1% or more is listed as a carcinogen by NTP, IARC or OSHA. See Section 11 - Toxicological Information for more details.

Section 3 - Composition/Information on Ingredients

Composition				
Chemical Name	**Identifiers**	**%**	**Classifications According to Regulation/Directive**	**Comments**
Solvent naphtha (petroleum), light aromatic	**CAS:**64742-95-6	25% TO 35%	**GHS:** Eye Irrit. 2; Asp. Tox. 1; Flam. Liq. 3; Aquatic Acute 2; Aquatic Chronic 2	NDA
Thermoplastic rubber	**CAS:**66070-58-4	25% TO 35%	**GHS:** Not Classified	NDA
Styrene resin	**CAS:**68441-37-2	10% TO 20%	**GHS:** Not Classified	NDA
Polybutene	**CAS:**9003-29-6	5% TO 15%	**GHS:** Not Classified	NDA
Benzene, trimethyl-	**CAS:**25551-13-7	10% TO 20%	**GHS:** Skin Irrit. 2; Eye Irrit. 2A; Asp. Tox. 1; STOT RE 1; Flam. Liq. 3; Aquatic Chronic 2	NDA
1,2,4-Trimethylbenzene	**CAS:**95-63-6	5% TO 15%	**GHS:** Skin Irrit. 2; Eye Irrit. 2; Asp. Tox. 1; Acute Tox. Oral 5; STOT SE 3: Narc.; STOT SE 3: Resp. Irrit.; Flam. Liq. 3; Aquatic Acute 2	NDA
Benzene, ethenyl-, polymer with (1-methylethenyl)benzene	**CAS:**9011-11-4	5% TO 15%	**GHS:**	NDA
Hydrotreated heavy naphtha	**CAS:**64742-48-9	5% TO 10%	**GHS:** Asp. Tox. 1; Carc. 1B	NDA

This product is an encapsulated mixture which reduces the likelihood of exposure to hazardous dry particulates.

See Section 11 for Toxicological Information.

Section 4 - First Aid Measures

Inhalation	-	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, give oxygen. Get medical attention immediately.
Skin	-	IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
Eye	-	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	-	Call a physician or poison control center immediately. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. Never give anything by mouth to an unconscious person.

See Section 2 for Potential Health Effects.

Section 5 - Fire Fighting Measures

Extinguishing Media	-	Use CO2, dry chemical, or foam.
Unsuitable Extinguishing Media	-	Do not use direct stream of water.
Firefighting Procedures	-	Fight advanced or massive fires from safe distance or protected location. Avoid water in a straight hose stream as the stream will cause splatter and spread fire. If product is heated above its flash point it will produce vapors sufficient to support combustion. Vapors are heavier than air and may travel along the ground and be ignited by heat, pilot lights, other flames and ignition sources at locations near the point of release.
Unusual Fire and Explosion Hazards	-	Combustible / Flammable liquid or paste. May release irritating or toxic gases, fumes, or vapors.
Hazardous Combustion Products	-	Carbon monoxide, carbon dioxide, hydrocarbons.
Protection of Firefighters	-	Firefighters should wear self-contained breathing apparatus and full protective gear.
Flash Point	-	105°F(40.55°C) CC (Closed Cup)
Explosion (Flammable) Limits		
Upper	-	6 %
Lower	-	0.9 %

Section 6 - Accidental Release Measures

Personal Precautions	-	Do not handle damaged containers or spilled material unless wearing appropriate protective clothing. Stay upwind. Ventilate the area before entry.
Emergency Procedures	-	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do so without risk. Isolate the area and contain the spilled material. Persons not wearing the appropriate PPE should be removed from the area until the spill is cleaned up. Keep unauthorized personnel away.
Environmental Precautions	-	Prevent entry into waterways, sewers, basements or confined areas.
Containment/Clean-up Measures	-	Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in suitable container. Use appropriate Personal Protective Equipment (PPE).
Prohibited Materials	-	Avoid contact with strong oxidizing agents and acids.

Section 7 - Handling and Storage

Handling	-	KEEP OUT OF THE REACH OF CHILDREN! Keep away from heat, sparks, and

flame – No Smoking. Use only with adequate ventilation.

Storage - Store in a well-ventilated place. Keep container tightly closed. No open flames, no sparks and no smoking.

Special Packaging Materials - No data available

Incompatible Materials or Ignition Sources - Avoid contact with strong oxidizing agents and acids.

Section 8 - Exposure Controls/Personal Protection

Personal Protective Equipment Pictograms -

Respiratory - In case of insufficient ventilation, wear suitable respiratory equipment. If listed exposure limits are expected to be exceeded, use approved respirtory protection suitable for the hazard. When used with adequate ventilation, a respirator is not normally required. If required, use a NIOSH-approved air purifying respirator with organic vapor cartridge or supplied air respirator.

Eye/Face - Wear ANSI approved safety glasses with side shields or safety goggles.

Hands - Wear chemical protective gloves made of Nitrile or Neoprene.

Skin/Body - Wear clothing that covers the skin to prevent skin exposure.

General Industrial Hygiene Considerations - Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. When using do not smoke, eat, or drink.

Engineering Measures/Controls - Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values. Use precaution to protect building intake from fumes and vapors created outdoors.

Exposure Limits/Guidelines

	Result	ACGIH	NIOSH	United States - California
1,2,4-Trimethylbenzene (95-63-6)	TWAs	Not established	25 ppm TWA; 125 mg/m3 TWA	Not established
Benzene, trimethyl- (25551-13-7)	TWAs	25 ppm TWA	Not established	25 ppm PEL; 125 mg/m3 PEL

Key to abbreviations

PEL = Permissible Exposure Level determined by the Occupational Safety and Health Administration (OSHA)

Section 9 - Physical and Chemical Properties

Physical Form:	Liquid	**Appearance/Description:**	Clear Paste
Color:	Clear	**Odor:**	Mild Hydrocarbon.
Odor Threshold:	N/A	**Boiling Point:**	120-130 C
Heat of Decomposition:	N/A	**pH:**	Not relevant
Specific Gravity/Relative Density:	= 1.046 Water=1	**Density:**	~ 7.7 lbs./gal
Bulk Density:	N/A	**Water Solubility:**	N/A
Solvent Solubility:	N/A	**Viscosity:**	780000 Centipoise (cPs, cP) or mPas @ 77 F(25 C)
Vapor Pressure:	= 2 mmHg (torr) @ 68 F(20 C)	**Vapor Density:**	= 1 Air=1
Evaporation Rate:	Slower than Ether	**VOC (g/l):**	<350 g/l
VOC (Vol.):	No data available	**Volatiles (Wt.):**	NDA
Volatiles (Vol.):	No data available	**Flash Point:**	105 F(40.5556 C)
Flash Point Test Type:	CC (Closed Cup)	**UEL:**	6 %
LEL:	.9 %	**Heat of Combustion (ΔHc):**	Not relevant

Section 10 - Stability and Reactivity

Stability - Stable under normal temperatures and pressures.
Hazardous Polymerization - Hazardous polymerization not indicated.
Conditions to Avoid - Avoid contact with strong oxidizing agents and flame.
Incompatible Materials - Strong oxidizers.
Hazardous Decomposition Products - Carbon monoxide, carbon dioxide and hydrocarbons.

Section 11 - Toxicological Information

Component Name	Concentration	CAS	Data
Solvent naphtha (petroleum), light aromatic	25-35%	64742-95-6	Acute Toxicity: Ingestion/Oral-Rat LD50 • 8400 mg/kg, ingestion/Oral-Quail (laboratory) LD50 • >2150 mg/kg. Reproductive: inhalation-Mouse TCLo • 1500 ppm 6 Hour(s)(6-15D preg);
Benzene, trimethyl-	10-20%	25551-13-7	Acute Toxicity: Ingestion/Oral-Rat LD50 • 8970 mg/kg
1,2,4-Trimethylbenzene	5-15%	95-63-6	Acute Toxicity: Ingestion/Oral-Rat LD50 • 5 g/kg, Inhalation-Rat LC50 • 18000 mg/m³ 4 Hour(s)
Hydrotreated heavy naphtha	5-10%	64742-48-9	Acute Toxicity: Ingestion/Oral-Rat LD50 • >6 g/kg, nhalation-Rat LC50 • 8500 mg/m³ 4 Hour(s)

Section 12 - Ecological Information

Ecological Fate - No data available.
Persistence/Degradability - No data available.
Bioaccumulation Potential - No data available.
Mobility in Soil - No data available.

Components		
Solvent naphtha (petroleum), light aromatic (25% TO 35%)	64742-95-6	**Aquatic Toxicity-Fish:** 96 Hour(s) LC50 *Oncorhynchus mykiss* 9.22 mg/L **Aquatic Toxicity-Crustacea:** 48 Hour(s) EC50 Water Flea *Daphnia magna* 6.14 mg/L **Aquatic Toxicity-Algae and Other Aquatic Plant(s):** 72 Hour(s) EC50 *Selenastrum capricornutum* 56 mg/L
1,2,4-Trimethylbenzene (5% TO 15%)	95-63-6	**Aquatic Toxicity-Fish:** 96 Hour(s) LC50 *Pimephales promelas (Fathead Minnow)* 7.72 mg/L **Aquatic Toxicity-Crustacea:** 48 Hour(s) EC50 *Daphnia magna (Water Flea)* 3.6063 mg/L

Section 13 - Disposal Considerations

Product - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transportation Information

	UN number	UN proper shipping name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	UN1133	Adhesive, Containing a Flammable Liquid	3	III	NO
TDG	UN1133	Adhesive, Containing a Flammable Liquid	3	III	NO
IMO/IMDG	UN1133	Adhesive, Containing a Flammable Liquid	3	III	
IATA/ICAO	UN1133	Adhesive, Containing a Flammable Liquid	3	III	NO
Add Info	**DOT**– This product may be reclassified as combustible and not regulated in non-bulk containers less than 119 gallons unless shipped in				

	vessel or aircraft.

Section 15 - Regulatory Information

SARA Hazard Classifications - Acute, Chronic

Risk & Safety Phrases - California PROP 65: This product may contain detectable amounts of chemicals known to the State of California to cause cancer or reproductive harm. .

State Right To Know					
Component	**CAS**	**MA**	**MN**	**NJ**	**PA**
1,2,4-Trimethylbenzene	95-63-6	Yes	Yes	Yes	Yes
Benzene, ethenyl-, polymer with (1-methylethenyl)benzene	9011-11-4	No	No	No	No
Benzene, trimethyl-	25551-13-7	Yes	Yes	Yes	Yes
Hydrotreated heavy naphtha	64742-48-9	No	No	No	No
Solvent naphtha (petroleum), light aromatic	64742-95-6	No	No	No	No
Styrene resin	68441-37-2	No	No	No	No
Thermoplastic rubber	66070-58-4	No	No	No	No

Inventory		
Component	**CAS**	**TSCA**
1,2,4-Trimethylbenzene	95-63-6	Yes
Benzene, ethenyl-, polymer with (1-methylethenyl)benzene	9011-11-4	Yes
Benzene, trimethyl-	25551-13-7	Yes
Hydrotreated heavy naphtha	64742-48-9	Yes
Solvent naphtha (petroleum), light aromatic	64742-95-6	Yes
Styrene resin	68441-37-2	Yes
Thermoplastic rubber	66070-58-4	Yes
Polybutene	9003-29-6	Yes

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

•Thermoplastic rubber	66070-58-4	Not Listed
•Benzene, ethenyl-, polymer with (1-methylethenyl)benzene	9011-11-4	Not Listed
•Styrene resin	68441-37-2	Not Listed
•Benzene, trimethyl-	25551-13-7	Not Listed
•1,2,4-Trimethylbenzene	95-63-6	1.0 % de minimis concentration
•Hydrotreated heavy naphtha	64742-48-9	Not Listed
•Solvent naphtha (petroleum), light aromatic	64742-95-6	Not Listed

U.S. - California - Proposition 65 - Carcinogens List

•Thermoplastic rubber	66070-58-4	Not Listed
•Benzene, ethenyl-, polymer with (1-methylethenyl)benzene	9011-11-4	Not Listed
•Styrene resin	68441-37-2	Not Listed
•Benzene, trimethyl-	25551-13-7	Not Listed
•1,2,4-Trimethylbenzene	95-63-6	Not Listed
•Hydrotreated heavy naphtha	64742-48-9	Not Listed
•Solvent naphtha (petroleum), light aromatic	64742-95-6	Not Listed

Section 16 - Other Information

Last Revision Date - 1/16/2020

Prepared By - GG Inc.

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